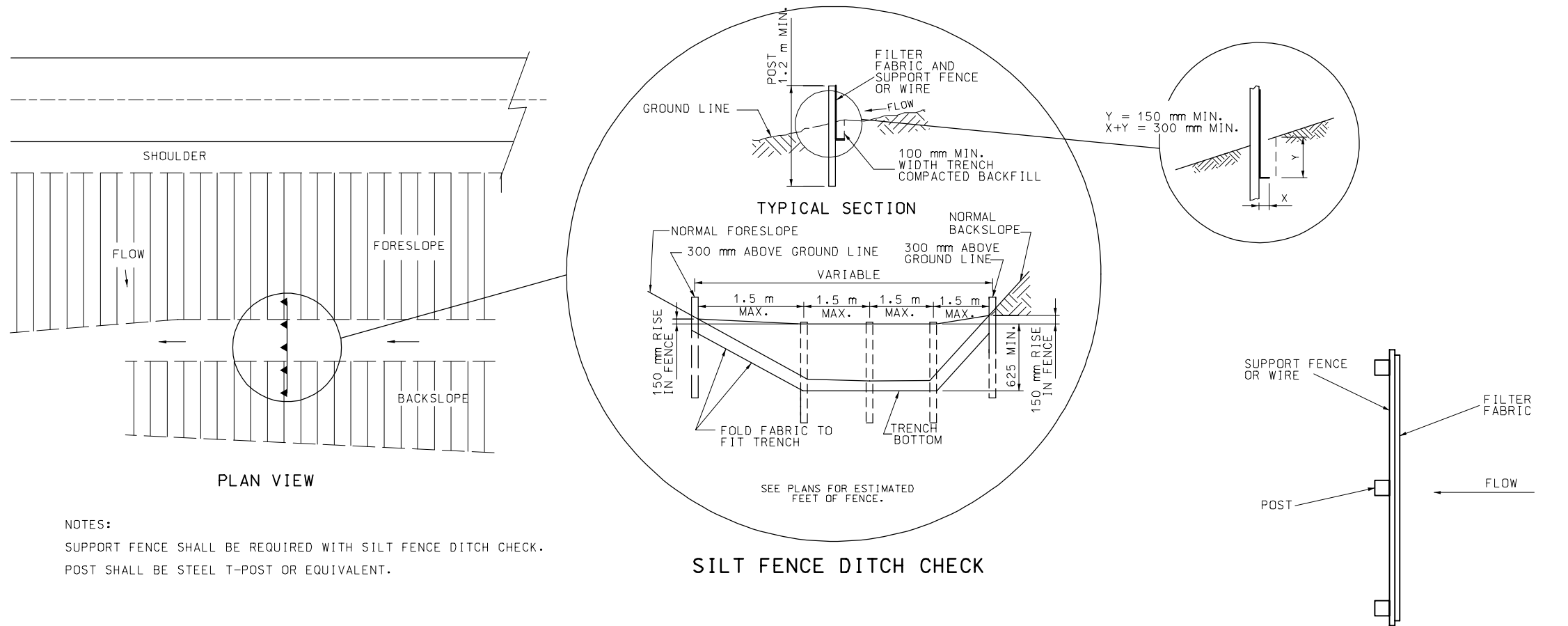


LEGEND
 C = CUT LIMITS
 F = FILL LIMITS
 ← = DIRECTION OF FLOW

GENERAL NOTES:
 ALL DIMENSION SHOWN ARE IN mm UNLESS OTHERWISE NOTED.
 EROSION CONTROL MEASURES ARE SHOWN HERE AS GENERAL EXAMPLES, ACTUAL CONDITIONS MAY DICTATE MORE OR FEWER MEASURES.
 TEMPORARY OR FINAL SEEDING IMMEDIATELY UPON COMPLETION OF GRADING.
 WOOD POSTS SHALL BE USED FOR ALL STRAW BALE APPLICATIONS.
 STRAW BALES USED AS SILT FENCE SHALL BE EMBEDDED 150 mm.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
TEMPORARY EROSION CONTROL MEASURES GENERIC TEMPORARY EROSION CONTROL PLAN			
DATE: _____	EFFECTIVE: 07-01-2004	M806.10E	1/7



NOTES:

SUPPORT FENCE SHALL BE REQUIRED WITH SILT FENCE DITCH CHECK.

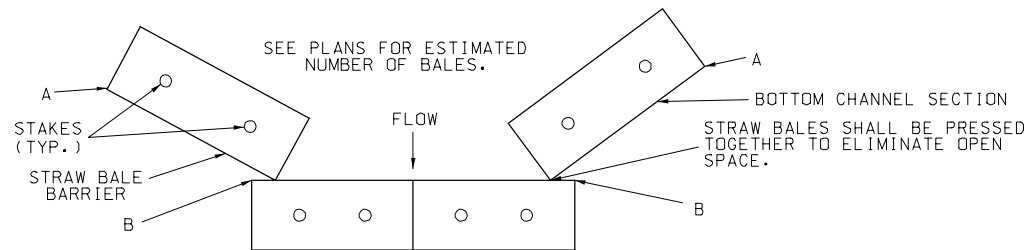
POST SHALL BE STEEL T-POST OR EQUIVALENT.

SILT FENCE DITCH CHECK

NOTE:

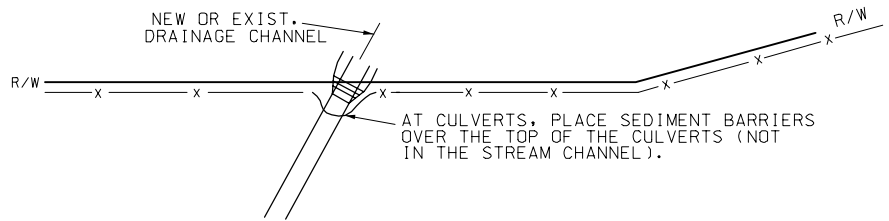
CORNERS 'A' SHALL BE HIGHER THAN CORNERS 'B' TO INSURE FLOW THROUGH OR OVER BARRIER, NOT AROUND IT.

FILTER FABRIC MAY BE ELIMINATED FOR GRADES 2% OR LESS ON STRAW BALES IF APPROVED BY ENGINEER.

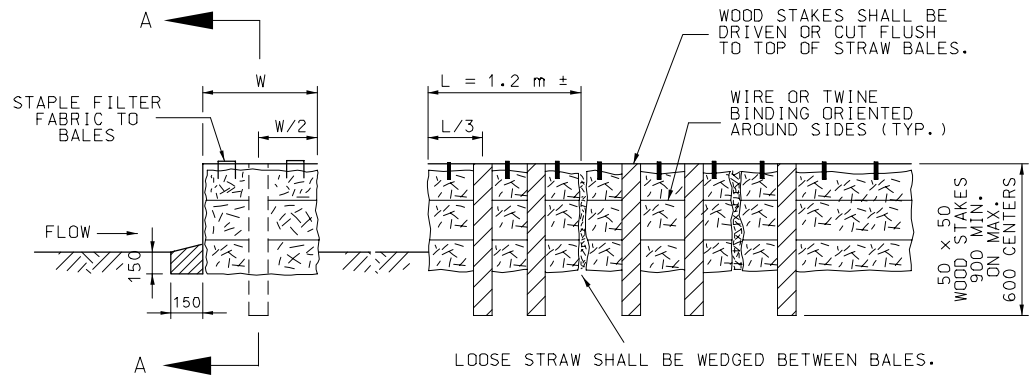


TOP VIEW

DITCH APPLICATION DETAILS



LOCATION DETAIL



STRAW BALE BARRIER DETAIL

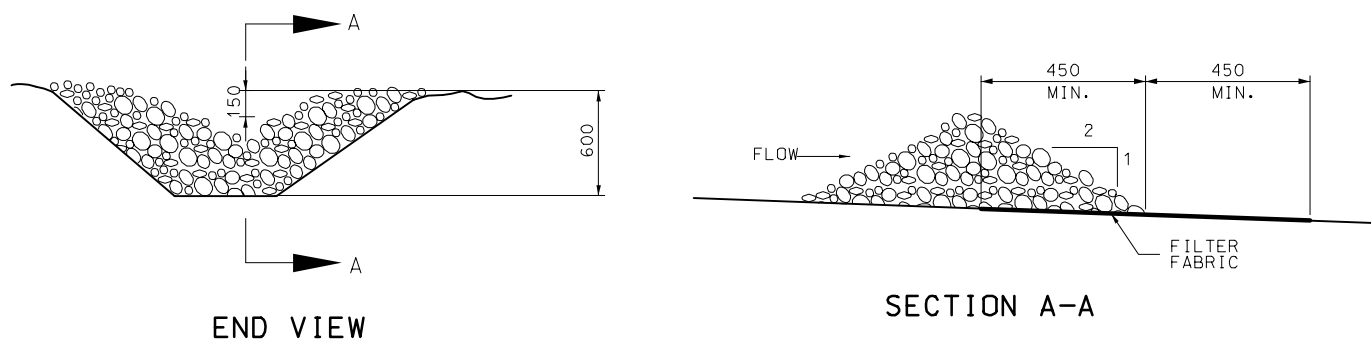
STRAW BALE DITCH CHECK

GENERAL NOTES:

ALL DIMENSIONS SHOWN ARE IN mm UNLESS OTHERWISE NOTED.

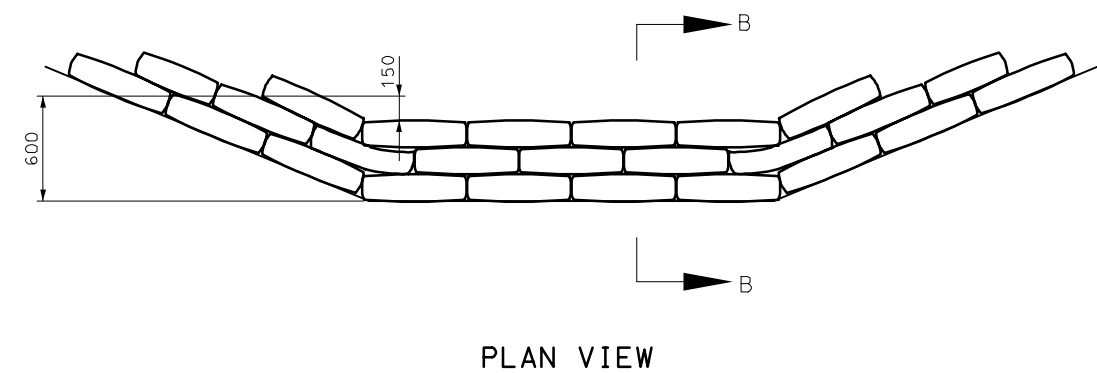
SEE SHEET 3 FOR MINIMUM SPACING OF ALL DITCH CHECK TYPES.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
TEMPORARY EROSION CONTROL MEASURES TEMPORARY DITCH CHECKS TYPE I			
DATE: _____	EFFECTIVE: 07-01-2004	M806.10E	<div>2</div> <div>7</div>



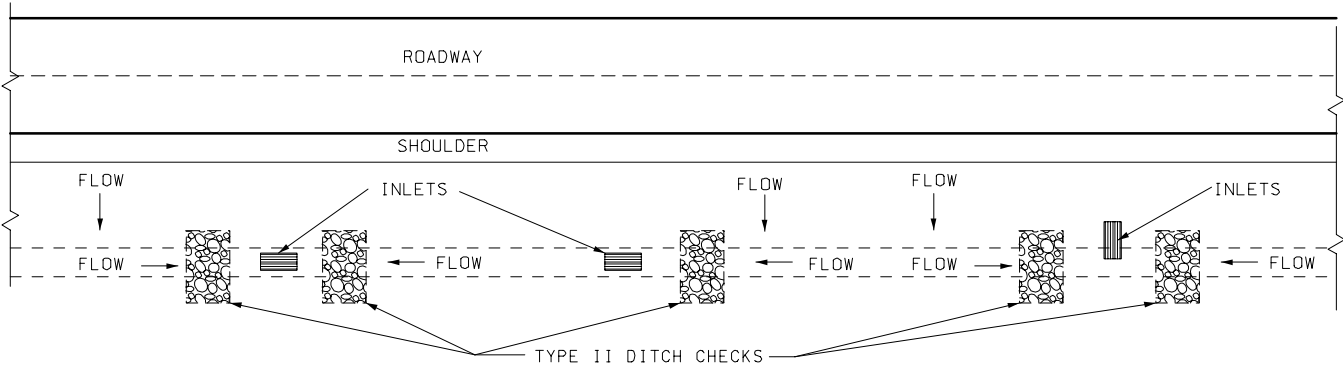
ROCK DITCH CHECK

NOTE:
THE DITCH CHECK SHALL BE REMOVED WHEN THE GRASS HAS
MATURED SUFFICIENTLY TO PROTECT THE DITCH OR SWALE OR
THE CONCRETE DITCH LINER HAS BEEN CONSTRUCTED.



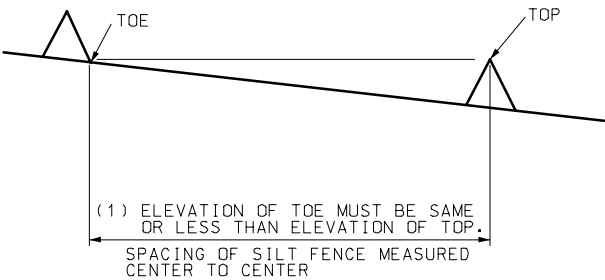
SAND BAG DITCH CHECK

NOTE:
NUMBER OF SAND BAGS AND ARRANGEMENT MAY VARY
WITH ON-SITE CONDITIONS.



DROP INLET CHECK

THE DROP INLET CHECK SHALL PROVIDE A MINIMUM
OF 300 mm AND A MAXIMUM OF 450 mm ABOVE THE
INLET GRADE.

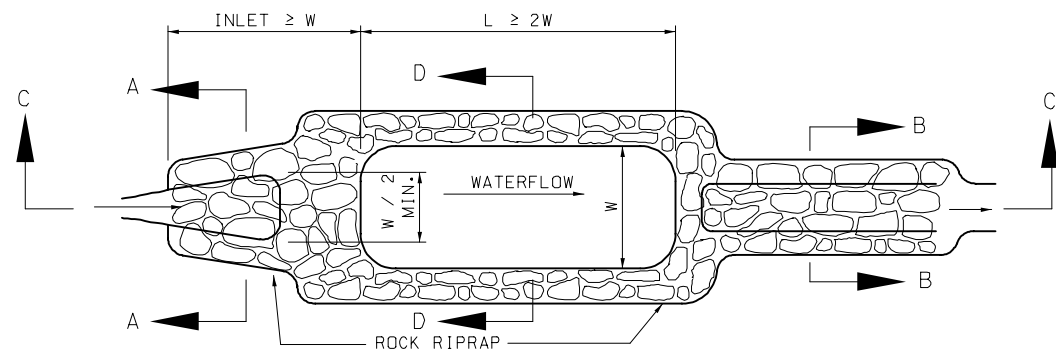


MINIMUM DITCH CHECK SPACING

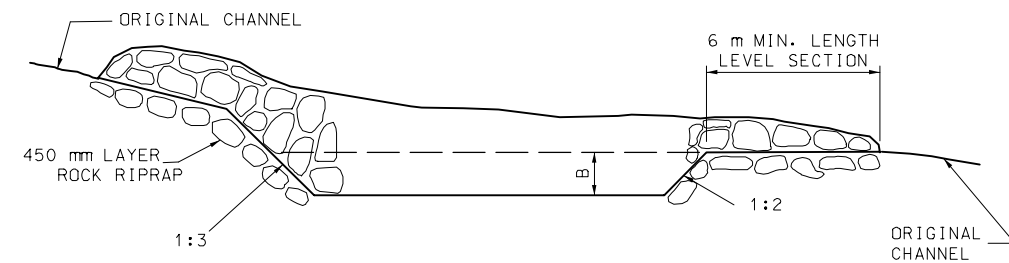
EXAMPLE DITCH CHECK SPACING FOR STANDARD HEIGHTS (m) (1)		
DITCH @ SLOPE %	SPACING FOR 600 mm HEIGHT	SPACING FOR 450 mm HEIGHT
0.5	120	120
1.0	60	60
1.5	40	40
2.0	30	30
2.5	24	24
3.0	20	20
3.5	17	17
4.0	15	15
4.5	13	13
5.0	12	12
5.5	11	11
6.0	10	10
6.5	9	9
7.0	8	8
7.5	8	8
8.0	7	7
8.5	7	7
9.0	6	6
9.5	6	6
10.0	6	6

GENERAL NOTE:
ALL DIMENSIONS SHOWN ARE IN mm UNLESS OTHERWISE NOTED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
		TEMPORARY EROSION CONTROL MEASURES TEMPORARY DITCH CHECKS TYPE II	
DATE: _____	EFFECTIVE: 07-01-2004	M806.10E	3 7

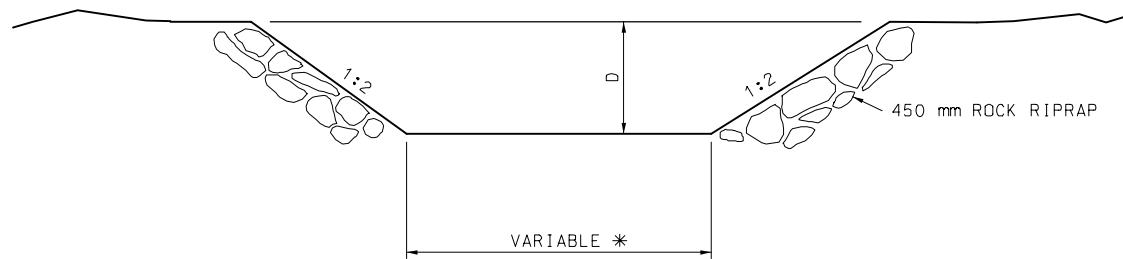


PLAN VIEW



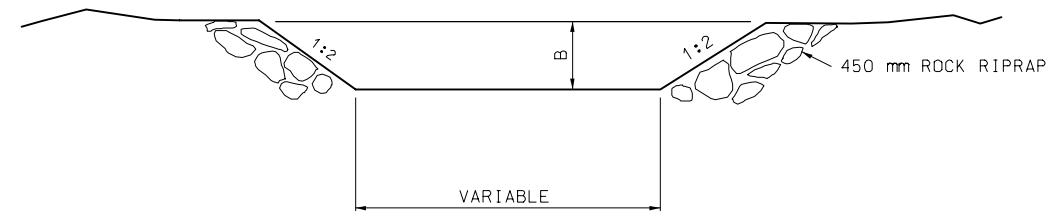
SECTION C-C

EFFECTIVE DEPTH "B" = MIN. 0.6 m, MAX. 1.8 m DEPENDENT UPON CONFIGURATION REQUIRED BY LOCATION AND ESTIMATED VOLUME.

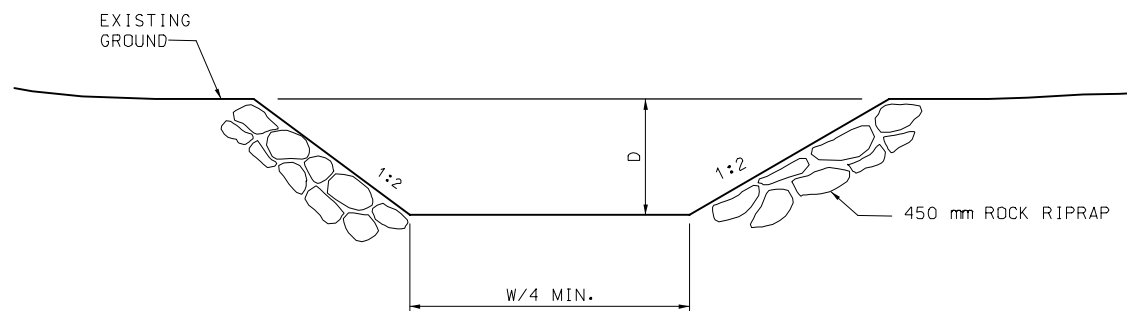


SECTION A-A
INLET

D = 300 mm + DESIGN FLOW DEPTH-MIN.
* VARIES FROM WIDTH OF STREAM AT INLET TO ONE-HALF WIDTH OF POND AT OUTLET.



SECTION D-D



SECTION B-B
OUTLET

GENERAL NOTES:

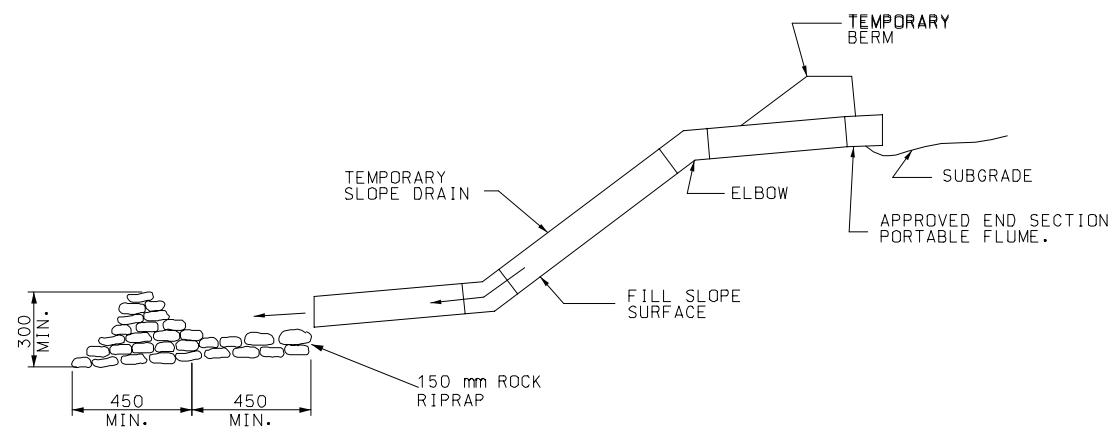
ALL DIMENSIONS SHOWN ARE IN mm UNLESS OTHERWISE NOTED.

THE MATERIALS FOR ROCK RIPRAP SHALL MEET THE REQUIREMENTS OF SECTION 611.30 FOR TYPE 2 ROCK BLANKET.

SEE PLANS FOR LENGTH, DEPTH AND WIDTH OF BASIN.

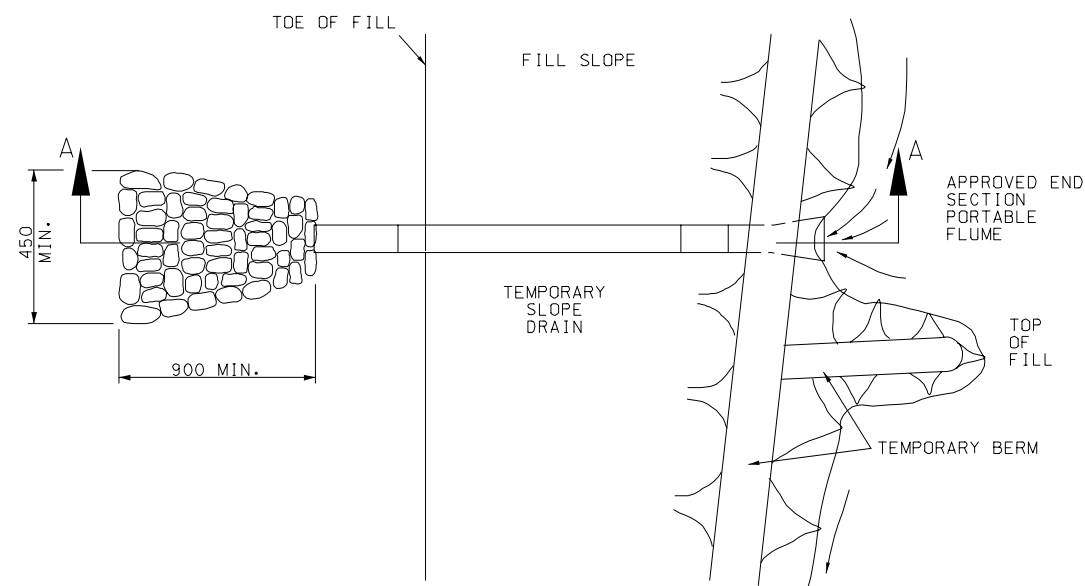
SEE PLANS FOR ESTIMATED QUANTITIES OF ROCK RIPRAP - CUBIC METERS.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
		TEMPORARY EROSION CONTROL MEASURES SEDIMENT BASIN	
DATE: _____	EFFECTIVE: 07-01-2004	M806.10E	<div>4</div> <div>7</div>



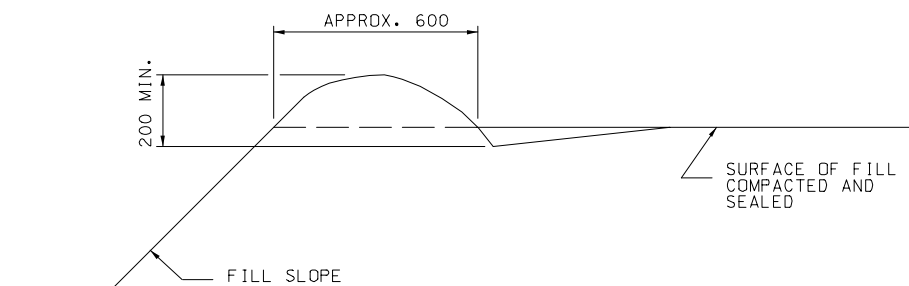
NOTE:
IN SOME CASES IT MAY BE NECESSARY TO EMBED METAL OR PLASTIC PIPE INTO THE FILL SLOPE TO SECURE PROPER ANCHORAGE.

SECTION A-A



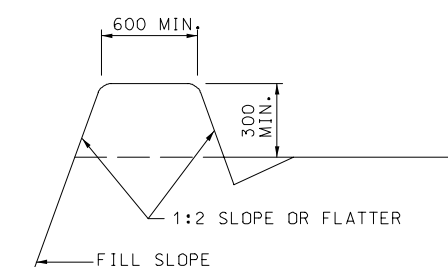
PLAN VIEW
TEMPORARY SLOPE DRAIN
(METAL, FLEXIBLE RUBBER OR PLASTIC PIPE)

NOTE:
MAXIMUM LENGTH BETWEEN SLOPE DRAINS SHALL BE APPROXIMATELY 150 m.

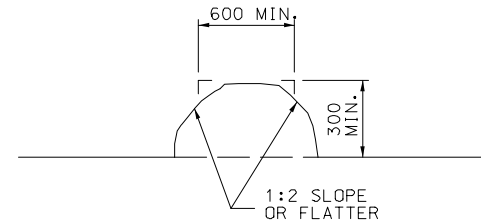


END VIEW

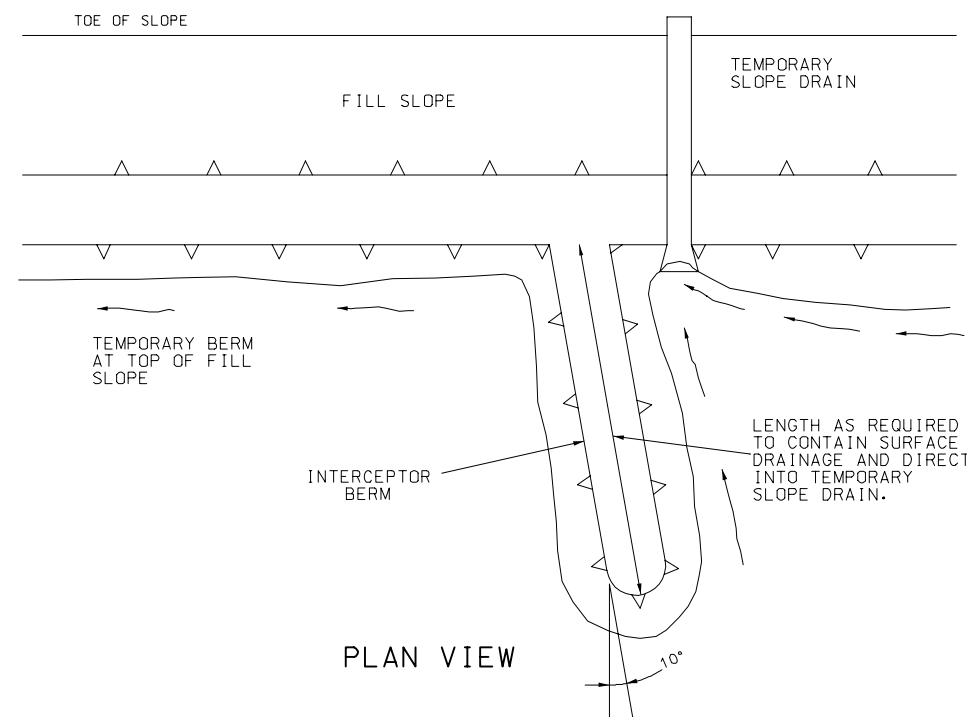
TYPE 'A' TEMPORARY BERM



END VIEW
FILL BERM

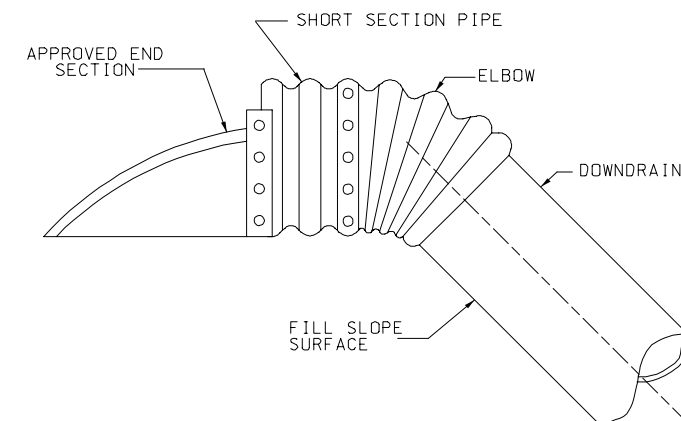


END VIEW
TRANSVERSE BERM

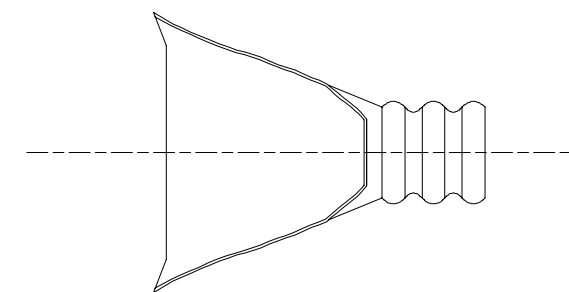


PLAN VIEW

TYPE 'B' TEMPORARY BERM



INLET TREATMENT



PLAN VIEW END SECTION

TEMPORARY SLOPE DRAIN

GENERAL NOTE:

ALL DIMENSIONS SHOWN ARE IN mm UNLESS OTHERWISE NOTED.

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

**TEMPORARY EROSION
CONTROL MEASURES**
TEMPORARY BERMS AND
SLOPE DRAINS

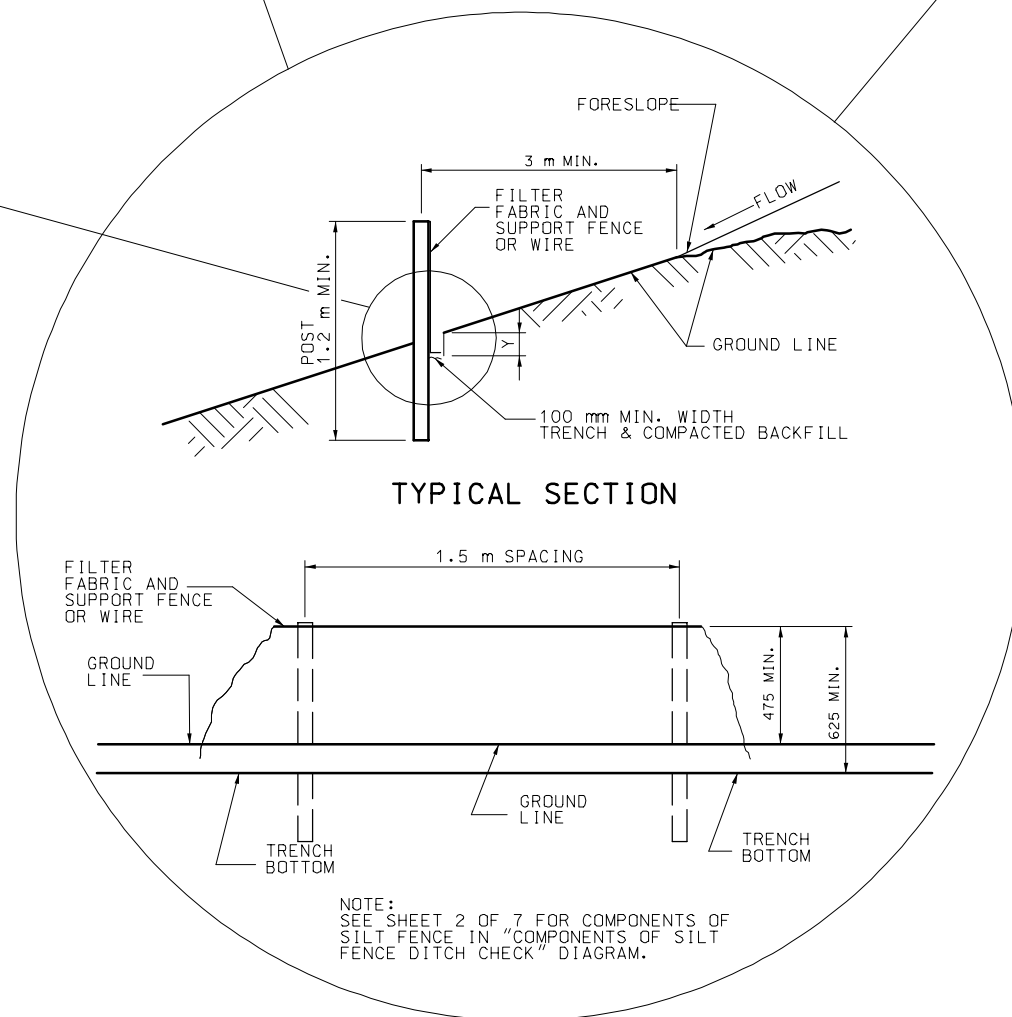
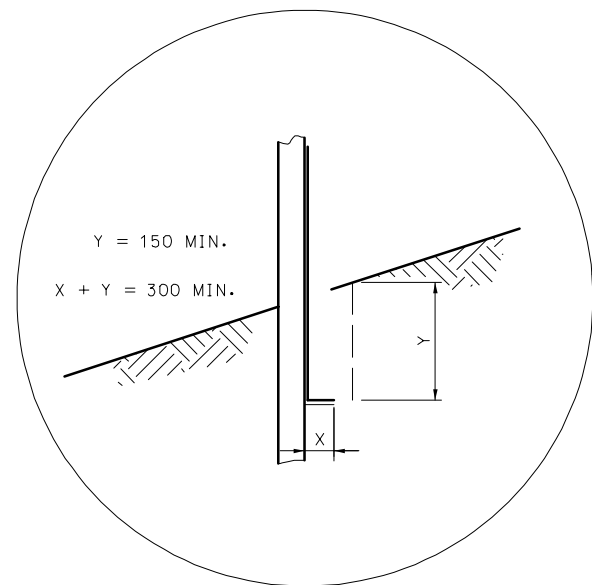
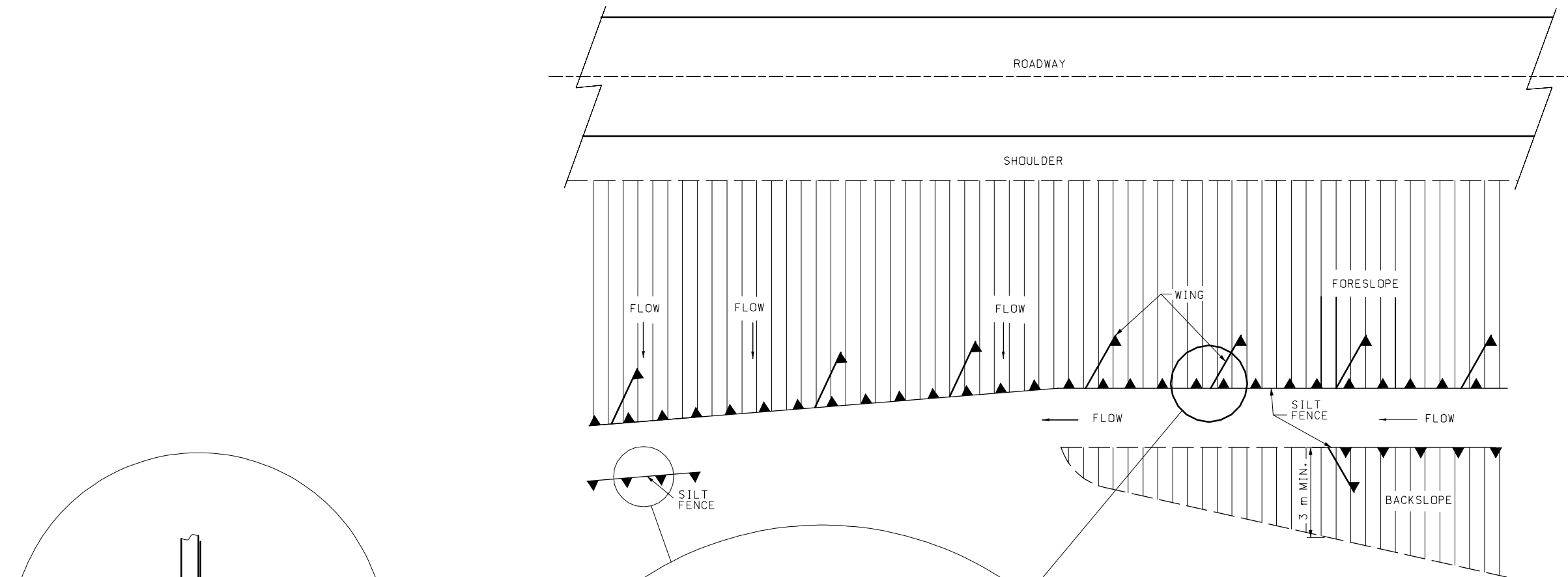
DATE: _____

EFFECTIVE: 07-01-2004

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DETAILS OF SILT FENCE

GENERAL NOTES:

ALL DIMENSIONS SHOWN ARE IN mm UNLESS OTHERWISE NOTED.

USE SILT FENCE FOR FILL HEIGHTS GREATER OR EQUAL TO 3 m. ON ALL FILLS GREATER THAN 3 m HIGH, MID-SLOPE RUNS OF SILT FENCE SHOULD BE CONSIDERED.

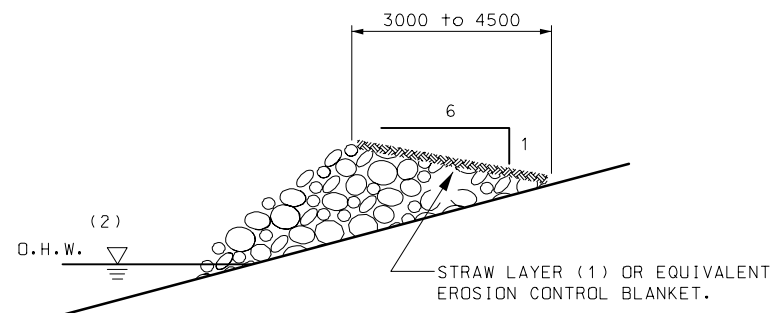
MINIMUM LONGITUDINAL SPLICE OVERLAP SHALL BE 600 mm WITH A POST AT EACH END.

SECURE FABRIC TO POSTS.

INSTEAD OF SILT FENCE ACROSS DRAINAGE DITCHES AND DRAINS, DITCH CHECK SHALL BE USED AS SHOWN ON PLANS OR AS DIRECTED BY ENGINEER.

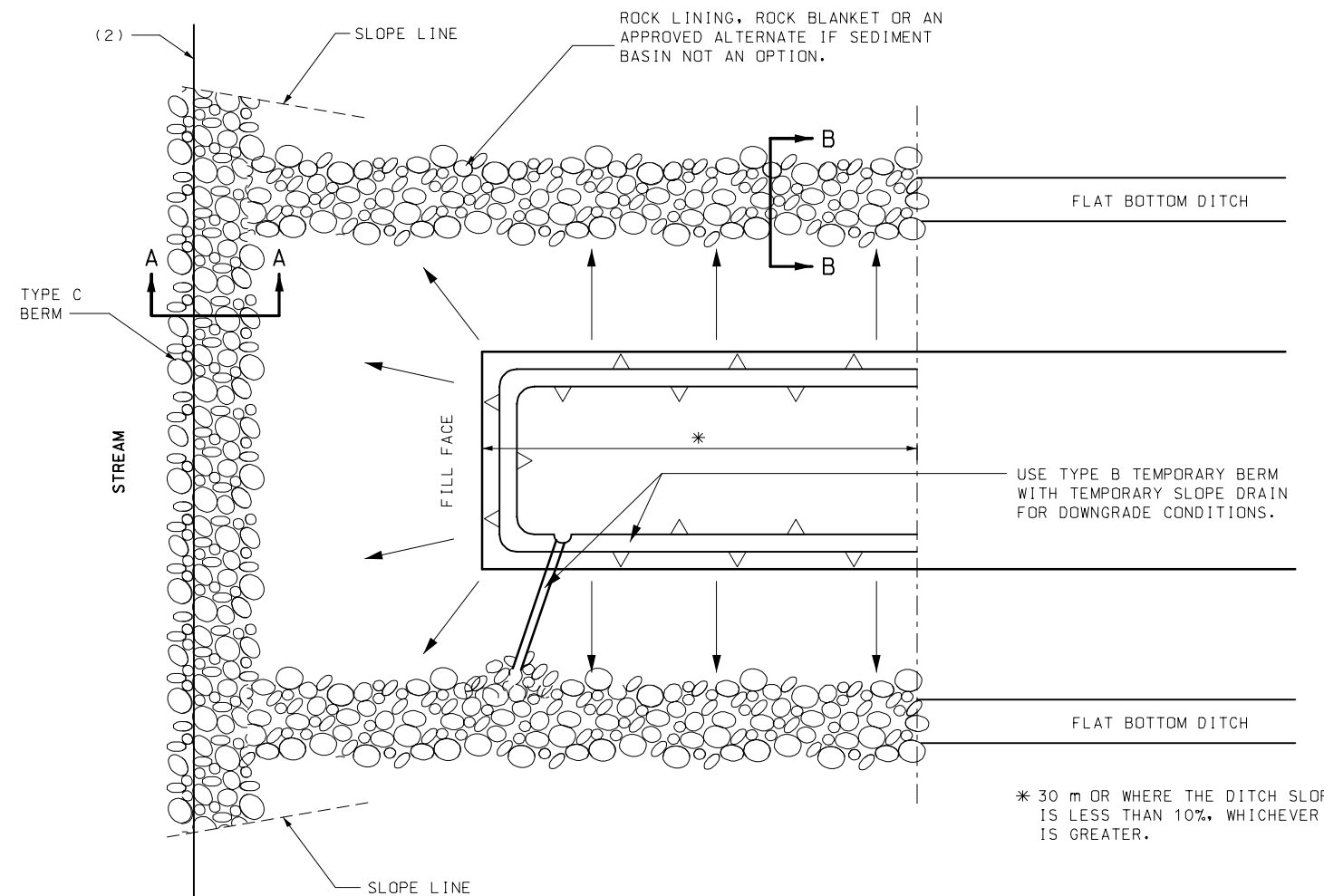
SILT FENCE WING SPACING APPROXIMATELY TWICE DITCH CHECK SPACING.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
		TEMPORARY EROSION CONTROL MEASURES SILT FENCE	
DATE: _____	EFFECTIVE: 07-01-2004	M806.10E	<div>6</div> <div>7</div>



SECTION A-A
TYPE C BERM (3)

- (1) STRAW LAYER SHALL BE A THICKNESS OF 50 mm COMPACTED.
- (2) TYPE C BERM SHALL BE PLACED NO LOWER THAN THE ORDINARY HIGH WATER (O.H.W.) OR AT AN ELEVATION AS DIRECTED BY THE ENGINEER.
- (3) TYPE C BERM SHALL BE BUILT TO HANDLE SIGNIFICANT RUN-OFF EVENTS.



PLAN VIEW



SECTION B-B (4)

- (4) ROCK LINING DITCHES SHALL BE BUILT TO HANDLE SIGNIFICANT RUN-OFF EVENTS.

GENERAL NOTES:

ALL DIMENSIONS SHOWN ARE IN mm UNLESS OTHERWISE NOTED.

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

**TEMPORARY EROSION
CONTROL MEASURES**
BRIDGES AND BOX CULVERTS
AT STREAM CROSSINGS

DATE: _____

EFFECTIVE: 07-01-2004

M806.10E

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